

WHAT IS CLAIMED IS:

1. A process for detecting the presence of cancerous or malignant tumor cells in a cell collection, comprising applying to said cell collection an anti-malignin TAG product, whereby said anti-malignin TAG product preferentially attaches to cancerous cells and can thereby be detected by attached visible or signal-emitting means.

2. A process for detecting the presence of cancerous or malignant tumor cells in a cell collection, comprising applying to said cell collection an anti-malignin TAG product, and thereafter applying fluorescein-conjugated anti-TAG thereto, whereby fluorescence occurs only in the cancerous tumor cells upon illumination.

3. A process according to claim 1 wherein said cancerous tumor cells are glial tumor cells.

4. A process according to claim 1 wherein said cancerous tumor cells are non-glial tumor cells.

5. A process according to claim 1 wherein said TAG is produced by the reaction of anti-malignin serum with a malignin-based reagent.

6. A process according to claim 5 wherein said malignin-based reagent is bromoacetylcellulose-malignin.

7. A process according to claim 2 wherein said TAG has been at least partially freed of substances which are less or non-reactive in fluorescent detection when applied to known cancerous cells.

8. The process of claim 1 wherein said TAG is attached to a signal emitter, whereby those cancer cells to which TAG has been preferentially attached can be detected.

9. The process of claim 8 wherein said TAG is directly attached to said signal emitter.

10. The process of claim 8 wherein said TAG is indirectly attached to said signal emitter.

11. The process of claim 1 wherein said cell collection is in vivo.

12. The process of claim 1 wherein said cell collection is in vitro.

13. The process of claim 1 wherein said signal-emitting means requires activation to emit its signal.

14. The process of claim 1 wherein said signal-emitting means does not require activation to emit its signal.

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1 Described herein is the utilization of anti-Malignin
2 TAG products to detect the presence of cancerous or malignant
3 tumor cells. These TAG products attach preferentially to
4 cancerous or malignant tumor cells in cell collections in
5 vitro or in vivo and thus can be detected by any attached
6 visible or other signal emitter..

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